Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 18 Dec 2020 until 23:59 on Saturday 19 Dec 2020

Forecast Issued on Thursday 17 Dec 2020 at 12:27

Confidence: High for wet and windy conditions on Friday then showery conditions over the weekend. Low confidence from Monday for all details.

Headline for Friday 18 Dec 2020: Mainly dry morning then rain in afternoon and evening. Gales on the tops.

Mountain weather hazards on Friday 18 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Drizzle	Fog	Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
70%	70%	30%	40%	80%	>95%	>95%	60%

Forecast for Friday 18 Dec 2020

Weather: Overnight rain will die out to leave a mainly dry morning with just the odd spot of rain or drizzle. More persistent rain expected from around midday, becoming heavy at times. Strong winds and driving rain giving drenching conditions for a few hours.

Chance of cloud free mountain/hill tops above 600m: 10-20%. Extensive cloud with bases around 500 or 600m but bases down to low slopes at first in the morning.

Visibility: Good at times at low levels during the morning but becoming poor at most elevations with low cloud and heavy rain reducing visibility to a few km or less.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 18 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/38 S	22/33 S	23/34 S	27/40 S	24/35 S	29/43 S	30/45 S	25/38 S	20/31 S
300	15/32 S	15/32 S	15/31 S	17/35 S	14/30 S	19/40 S	20/42 S	17/35 S	13/28 S
Valley	13/31 S	13/29 S	13/29 S	14/31 S	15/34 S	19/42 S	19/40 S	14/32 S	11/26 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/1	7/3	8/3	8/3	8/3	8/4	8/4	8/3	7/2
300	8/5	9/6	9/6	10/6	10/7	10/7	10/7	10/7	9/6
Valley	10/7	10/8	11/8	11/8	11/8	12/8	12/9	11/8	10/8
Freezing Level*	2200m	2200m	2100m	1900m	2100m	2200m	2100m	1800m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 50-60mph on the tops and high moors during the afternoon will give difficult walking conditions with progress hampered on exposed ground.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 17 Dec 2020	0.8mm	8.6mm	8.8mm

Forecast for Saturday 19 Dec 2020

Weather: A mixture of bright or clear intervals and frequent showers, some heavy with risk of hail and thunder. Strong and gusty winds on the tops.

Maximum wind: Southwesterly 25-35mph, gusts 40-50mph.

Chance of cloud free mountain/hill tops above 600m: 50-70%. Frequent cloud on the high tops, lowering to around 500m at times in showers.

Visibility: Highly variable and fast-changing. Often poor on the tops in low cloud showers. Mainly good visibility between showers.

Temperature: **Valleys:** 8 or 9C.
At 600m: Plus 4 or 5C.
Freezing level: Above summits.

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